

## SPECIFICATION

## Benzene

## Infinity Pure

REQUIREMENT	SPECIFICATION
Appearance	Colorless clear liquid
Density (20°C)	0.876~0.880g/ml
Freezing point	min.5.2°C
Refractive index 20°C	1.499~1.502
Absorbance (280nm)	max.1.00
Water	max.0.03%
Residue after evaporation	max.2ppm
Acidity (as HCl)	max.4ppm
Alkalinity (as NaOH)	max.4ppm
Sulfur compounds	to pass test (as S:max.about 1ppm)
Copper (Cu)	max.5ppb
Lead (Pb)	max.5ppb
Iron (Fe)	max.10ppb
Thiophene (C <sub>4</sub> H <sub>4</sub> S)	max.1ppm
Peroxides (as H <sub>2</sub> O <sub>2</sub> )	max.5ppm
Substances darkened by sulfuric acid	to pass test
Fluorescence test	to pass test
Assay (capillary GC)	min.99.7%